

PATENT  
Docket No. 361752000500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Keunsuk P. CHANG et al.

Serial No.: 09/715,013

Filing Date: Nov. 20, 2000

For: BIAXIALLY ORIENTED  
POLYPROPYLENE METALLIZED  
FILM FOR PACKAGING

Examiner: Kimberly T. Nguyen

Group Art Unit: 1774

#18

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**DECLARATION OF KEN KUROKAWA**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Ken Kurokawa declares under penalty of perjury under the laws of the United States of America as follows:

1. I am a national of Japan currently employed at Toray Plastics (America) Inc. in North Kingstown, Rhode Island. Toray Plastics (America) Inc. is a subsidiary of Toray Industries, headquartered in Tokyo, Japan. I currently reside at 4144A Tower Hill Rd., South Kingstown, Rhode Island 02879. Although I can speak and read English fluently, I am not comfortable enough in my command of English to write a declaration such as this by myself and have asked my work colleague Mr. Keunsuk P. Chang to write this declaration for me. I am a colleague of the co-inventor of the invention as described and claimed in the specification of the above-identified application.

2. I received a Bachelor's degree in Chemistry in 1982 from Osaka University and a Master's degree in Chemistry from Osaka University in 1984. After graduation, I entered employment at Toray Industries, working in various assignments in product development and manufacturing. In 1989, I transferred to Toray Plastics (America) Inc. and worked as a Sr. Process Engineer responsible for product and process development projects until 1994. I returned to Toray Industries in Japan between 1994 and 2000, continuing to work in product and process development. In 2000, I rejoined Toray Plastics (America), Inc. as Technical Manager and have continued in this role since. Currently I am Technical Director for the Torayfan division of Toray Plastics (America) Inc. I am the same person as the Ken Kurokawa who is named as an inventor on U.S. Patent No. 5,698,317, which is based on work I did after my return to Toray Japan from Toray Plastics (America) in 1994.

3. As Technical Director, one of my responsibilities is maintaining the Torayfan Division's technical library. When Mr. Chang discussed with me the particulars of Tsuchiya U.S. Patent No. 5,137,955 in late December 2002, I remembered the invention and disclosure of Tsuchiya, who was a colleague of mine in Toray Japan. In fact, in my previous role at Toray Plastics (America), Inc., I was one of the engineers in charge of trying to produce a film of Tsuchiya's design here in the U.S. for commercial sale. Thus, I was able to direct Mr. Chang to specific historical files detailing the design and performance issues of Tsuchiya's films from documents stored in the Torayfan technical library of Toray Plastics (America) Inc. of which he was not aware.

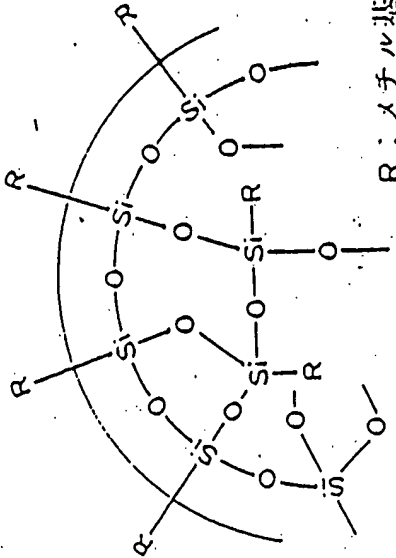
4. The documents attached to this declaration are true copies of the documents that I retrieved from archived files and reviewed with Mr. Chang. I understand that Mr. Chang and Mr. Bretschneider discussed these documents with Examiners Nguyen and Kelly at the interview of January 21, 2003.

I declare under penalty of perjury under the laws of the United States that the foregoing is true and correct. Executed at North Kingstown, Rhode Island, this 24 day of February, 2003.



Ken Kurokawa

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T-Si (東芝シリコン (株))	TG (理研ビタミン (株))
<p>ポリメチルシルセスキオキサン</p>  <p>T-Si-H20: 2<math>\mu\phi</math> T-Si-H45: 4.5<math>\mu\phi</math> R: メチル基</p>	<p>Chemical name : Glycerol tri-12-hydroxystearate</p> <p>Chemical structure:</p> $  \begin{array}{c}  \text{H} \\    \\  \text{H}-\text{C}-\text{O}-\text{COC}_n\text{H}_{34}(\text{OH}) \\    \\  \text{H}-\text{C}-\text{O}-\text{COC}_n\text{H}_{34}(\text{OH}) \\    \\  \text{H}-\text{C}-\text{O}-\text{COC}_n\text{H}_{34}(\text{OH}) \\    \\  \text{H}  \end{array}  $

